

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 023227P041
(maximum 12 characters)

First Named Inventor Timothy J. Boyle, et al.

Title: Testing Circuits on Substrates

Express Mail Label No. EL 627 533 367 US

10/22/01
10/035482
U.S. PTO
J1050

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. X **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. X **Specification (Total Pages 19)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. X **Drawings(s) (35 USC 113) (Total Sheets 8)**
5. X **Oath or Declaration (Total Pages 5)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. X Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**
8. **Nucleotide and/or Amino Acid Sequence Submission**
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. _____ Assignment Papers (cover sheet & documents(s))
10. _____ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- _____ b. Power of Attorney
11. _____ English Translation Document (if applicable)
12. _____ a. Information Disclosure Statement (IDS)/PTO-1449
- _____ b. Copies of IDS Citations
13. _____ Preliminary Amendment
14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. X Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. X Other: Certificate of Express Mailing

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

_____ Continuation _____ Divisional _____ Continuation-in-part (CIP)
 Of Prior Application No.: _____ Examiner _____ Group Art Unit _____
 (which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____,
 which is a _____ continuation/ _____ divisional/ _____ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.
 For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

19. Correspondence Address

_____ Customer Number or Bar Code Label _____
 or _____ (Insert Customer No. or Attach Bar Code Label here)

X Correspondence Address Below

NAME Stephen M. De Klerk
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard
Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPED) Stephen M. De Klerk Registration No.: 46,503
 Signature: [Signature] Date: 10/22/01

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)First Named Inventor Timothy J. Boyle, et al.Title Testing Circuits on SubstratesAttorney Docket No. 023227P041

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

10/22/01
Date


Signature
Stephen M. De Klerk

Typed or Printed Name

46,503

Registration No.

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months after the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Send to: Assistant Commissioner for Patents, Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL 627 533 367 US

Date of Deposit: October 22, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Beverly Kehoe Shea

(Typed or printed name of person mailing paper or fee)

Beverly Kehoe Shea
(Signature of person mailing paper or fee)

October 22, 2001
(Date signed)

Serial/Patent No.: Unassigned Filing/Issue Date: Herewith
Client: Electroglas, Inc.
Title: Testing Circuits on Substrates

BSTZ File No.: 023227.P041 Atty/Secty Initials: JCS/SMD/bks
Date Mailed: October 22, 2001 Docket Due Date: ***

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | | |
|--|--|--|
| <input type="checkbox"/> Amendment/Response (____ pgs.) | <input checked="" type="checkbox"/> Express Mail No.: <u>EL627533367US</u> | <input checked="" type="checkbox"/> Check No. <u>46033</u> |
| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate) | <input type="checkbox"/> _____ Month(s) Extension of Time | Amt: <u>740.00</u> |
| <input checked="" type="checkbox"/> Application - Utility (<u>19</u> pgs., with cover and abstract) | <input type="checkbox"/> Information Disclosure Statement & PTO 140 (____ pgs.) | <input type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.) | <input type="checkbox"/> Issue Fee Transmittal | Amt: _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.) | <input type="checkbox"/> Notice of Appeal | |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.) | <input type="checkbox"/> Petition for Extension of Time | |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.) | <input type="checkbox"/> Petition for _____ | |
| <input type="checkbox"/> Application - Design (____ pgs.) | <input checked="" type="checkbox"/> Postcard | |
| <input type="checkbox"/> Application - PCT (____ pgs.) | <input type="checkbox"/> Power of Attorney (____ pgs.) | |
| <input type="checkbox"/> Application - Provisional (____ pgs.) | <input type="checkbox"/> Preliminary Amendment (____ pgs.) | |
| <input type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Reply Brief (____ pgs.) | |
| <input checked="" type="checkbox"/> Certificate of Mailing | <input type="checkbox"/> Response to Notice of Missing Parts | |
| <input checked="" type="checkbox"/> Declaration & POA (<u>5</u> pgs.) (unsigned) | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business | |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (____ pgs.) | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate | |
| <input checked="" type="checkbox"/> Drawings: <u>8</u> # of sheets includes <u>19</u> figures | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate | |

☒ Other: Request and Certification Under 35 U.S.C. 122(b)(2)(B)(1);
Certificate of Express Mailing showing contents of packet.

FEE TRANSMITTAL FOR FY 2002

TOTAL AMOUNT OF PAYMENT (\$)	<u>740.00</u>
-------------------------------------	----------------------

Complete if Known:Application No. Unassigned

Filing Date _____ Herewith _____

First Named Inventor Timothy J. Boyle, et al.

Group Art Unit	Unassigned
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Examiner Name Unassigned

Attorney Docket No. 023227.P041

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666

Deposit Account Name

- [] Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17**

- [] Applicant claims small entity status. See 37 CFR 1.27**

- | | | | | |
|----|----------|-------------------|-------------------|-------------|
| 2. | <u>X</u> | Payment Enclosed: | <u>X</u> | Check |
| | | | <u> </u> | Money Order |
| | | | | Other |

FEE CALCULATION

1. BASIC FILING FEE

<u>Large Entity</u>		<u>Small Entity</u>			
<u>Fee</u>	<u>Fee</u>	<u>Fee</u>	<u>Fee</u>		
<u>Code</u>	<u>(\$)</u>	<u>Code</u>	<u>(\$)</u>	<u>Fee Description</u>	<u>Fee Paid</u>
101	740	201	370	Utility application filing fee	740.00
106	330	206	165	Design application filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional application filing fee	

SUBTOTAL (1) \$ 740.00

2. EXTRA CLAIM FEES

2. <u>EXTRA CLAIM FEES</u>			<u>Fee from below</u>		<u>Fee Paid</u>
		<u>Extra Claims</u>			
Total Claims	<u>9</u>	- 20** = <u>0</u>	X	<u>18.00</u>	= <u>-0-</u>
Independent Claims	<u>2</u>	- 3** = <u>0</u>	X	<u>84.00</u>	= <u>-0-</u>
Multiple Dependent					=

****Or number previously paid, if greater; For Reissues, see below.**

Large Entity		Small Entity		
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	<u>Fee Description</u>
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**R issu indep ndent claims v r riginal pat nt
110	18	210	9	**R issu claims in xcess of 20 and v r riginal patent

SUBTOTAL (2) \$ -0-

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>		<u>Small Entity</u>		<u>F e</u>	<u>D scription</u>	<u>Fee Paid</u>
<u>F e</u>	<u>Fe</u>	<u>Fe</u>	<u>F e</u>			
<u>Cod</u>	<u>(\$)</u>	<u>Cod</u>	<u>(\$)</u>			
105	130	205	65		Surcharge - late filing fee or oath	
127	50	227	25		Surcharge - late provisional filing fee or cover sheet	
139	130	139	130		Non-English specification	
147	2,520	147	2,520		For filing a request for ex parte reexamination	
099	8,800	099	8,800		Request for inter parties reexamination	
112	920*	112	920*		Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*		Requesting publication of SIR after Examiner action	
115	110	215	55		Extension for reply within first month	
116	400	216	200		Extension for reply within second month	
117	920	217	460		Extension for reply within third month	
118	1,440	218	720		Extension for reply within fourth month	
128	1,960	228	980		Extension for reply within fifth month	
119	320	219	160		Notice of Appeal	
120	320	220	160		Filing a brief in support of an appeal	
121	280	221	140		Request for oral hearing	
138	1,510	138	1,510		Petition to institute a public use proceeding	
140	110	240	55		Petition to revive - unavoidable	
141	1,280	241	640		Petition to revive - unintentional	
142	1,280	242	640		Utility issue fee (or reissue)	
143	460	243	230		Design issue fee	
144	620	244	310		Plant issue fee	
122	130	122	130		Petitions to the Commissioner	
123	50	123	50		Processing fee under 37 CFR 1.17(q)	
126	180	126	180		Submission of Information Disclosure Stmt	
581	40	581	40		Recording each patent assignment per property (times number of properties)	
146	740	246	370		For filing a submission after final rejection (see 37 CFR 1.129(a))	
148	110	248	55		Statutory Disclaimer	
149	740	249	370		For each additional invention to be examined (see 37 CFR 1.129(b))	
179	740	279	370		Request for Continued Examination (RCE)	
169	900	169	900		Request for expedited examination of a design application	
195	300	195	300		Publication fee for early, voluntary, or normal pub.	
196	300	196	300		Publication fee for republication	
194	130	194	130		Request for voluntary publication or republication	
098	130	098	130		Processing fee under 37 CFR 1.17(i) (except provisionals)	
091	1,280	091	1,280		Acceptance of unintentionally delayed claim for priority	

Other fee (specify) _____

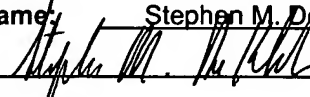
Other fee (specify) _____

SUBTOTAL (3) \$ -0-

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Stephen M. De Klerk

Signature:  Date: 10/22/01

Reg. Number: 46,603 Tel ph ne Numb r: (408) 720-8300